

## P R E F A C E .

In the preparation of this report two controlling factors are kept in mind.

First: To submit all the data collected by the United States Geological Survey, and all the measurements of flow made by the several Commissioners. Commissioners measurements that have heretofore been submitted in detail, only an abridgement and the total appears in this report.

Second: To present to the Court in proper form the average discharge of Provo River in the periods of observation before and after the year 1905. Also the typical Provo River as deduced from the records of the past fourteen years. Also the Median Provo River and Median Zone, of the volume of flow of record from the year 1905 to the present.

Data not appearing in former reports is submitted in its entirety. The arrangement and compiling are but the facts as we have them of record. Where omissions are apparent in the notes of the Commissioners, they have been supplied with conservatism, and the same relative volume used in both periods, the aim has been to underate rather than overate this stream.

On account of the limited time to prepare this report, much of the volume appears not in chronological order, however, it is so arranged and indexed as to appeal to one desiring the main features, the summary, and the comparisons, without going into the detailed mass.

The tables are not numbered, but are referred to by number corresponding to the page upon which they are found.

The hydrographs, large and small, are upon the same relative scale as to time and discharge. The large ones upon 10 x 10 cross-section paper, and the small ones upon millimeter paper.

There is submitted with the report fifteen large plates, twenty-six small hydrographs, and a box hydrograph.

This volume and the accompanying plates has been designated:

"Commissioners Special Report 1918. Case 2888."